



Docket No.: 873.0130.U1(US)

**DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter, which is claimed and for which a patent is sought on the invention entitled:

**MULTIPLE-ANTENNA PARTIALLY COHERENT CONSTELLATIONS FOR
MULTICARRIER SYSTEMS**

the specification of which:

(check one) ☐ is attached hereto.☒ was filed on October 31, 2003 as U.S. Application Serial No. 10/699,386,
and was amended on N/A (if applicable).☐ was described and claimed in PCT International Application Number
filed on _____ and☐ as amended under PCT Article 19 on _____ (if any)
and/or☐ as amended under PCT Article 34 as published in the Annex(es) to
the International Preliminary Examination Report (if any).I hereby state that I have reviewed and understand the contents of the above-identified
specification, including the claims, as amended by any amendment referred to above.I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information
known to me to be material to the patentability of this application as defined in Title 37, Code
of Federal Regulations, §1.56I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any
foreign application(s) for patent or inventor's certificate(s) listed below and have also
identified below any foreign application(s) for patent or inventor's certificate(s) having a
filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

(Number)

(Country)

(Day/Mon/Year Filed)

☐ Yes ☐ NoI hereby claim the benefit under Title 35, United States Code, §119(e) of the United States
provisional patent application(s) listed below:

(Application Serial No.)
(Filing Date)

I hereby claim benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Serial No.)
(Filing Date)
(Status)

POWER OF ATTORNEY: As a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the U.S. Patent and Trademark Office connected therewith:

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Date 22 Dec. 2003